COVERAGE NAME : GRDWATBA

COVERAGE AREA: COUNTY

COVERAGE DESCRIPTION:

The 'GRDWATBA' layer shows groundwater basins and sub-basins as defined by the California Department of Water Resources. Groundwater basins are designated on the basis of geological and hydrological conditions, these usually being the occurrence of alluvial or unconsolidated deposits. When practical, large basins are also subdivided by political boundaries, as in the Central Valley. Basins are named and numbered per the convention of the Department of Water Resources.

VITAL STATISTICS:

Datum:	NAD 83
Projection:	Albers
Units:	Meters
1st Std. Parallel:	34 00 00 (34.0 degrees N)
2nd Std. Parallel:	40 30 00 (40.5 degrees N)
Longitude of Origin:	-120 00 00 (120.0 degrees W)
Latitude of Origin:	00 00 00 (0.0 degrees)
False Easting (X Shift):	0
False Northing (Y Shift):	-4,000,000
Source:	Department of Water Resources Division of Mines and Geology
Source Media:	Mylar Maps
Source Projection:	Lambert
Source Units:	Meters
Source Scale:	1:250,000
Capture Method:	Hand digitized
Conversion Software:	ARC/INFO Rev. 5.0.1
Data Structure:	Vector
ARC/INFO Coverage Type:	Polygon
ARC/INFO Precision:	Double
ARC/INFO Tolerances:	10 meters
Number of Features:	9,224
Layer Size:	12.385 MB
Last Updated:	Summer 1994

DATA DICTIONARY:

DATAFILE NAME: GRDWATBA.PAT
RECORD LENGTH: 134

Non-standard POLYGON attribute fields:

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC
25	REGION	2	2	I	-
27	DWR#	8	8	C	-
35	GWBASIN	30	30	C	-
65	TYPE	3	3	C	-
68	SUBBSN#	8	8	C	-
76	SUBNAME	30	30	C	-
106	SUBSUB#	8	8	C	-
114	SUBSUBNAME	30	30	C	-

NOTE: Items common to all POLYGON coverages: AREA, PERIMETER, GRDWATBA# and GRDWATBA-ID are not described here.

REGION: DWR Region.

DWR#: DWR Number - includes region number in first position.

GWBASIN: Name of groundwater basin.

TYPE: bas basin
wat water body
isl island (within a basin)

SUBBSN#: Sub-basin number

SUBNAME: Sub-basin name

SUBSUB#: Sub sub-basin number

SUBSUBNAME: Sub sub-basin name

DATA QUALITY ASSESSMENT:

The following are subjective comments regarding this data.

The State Water Resources Control Board traced selected formations from 250K USGS geologic maps onto mylar sheets. Because the USGS maps are regarded as high-quality maps and because of the integrity of mylar, it could be said that the resulting digitized coverage maintains good accuracy. Some of the tracings on the mylar, however, seemed a bit jagged and, in some cases, problems with horizontal rectification between USGS quads and the mylars were solved by repositioning tics. The coverage is, therefore, only of moderate quality.